

WHAT IS CLAIMED IS:

1. A screen apparatus comprising

a tank for receiving paper raw materials and including
5 an entrance for the paper raw materials, a selection exit and
a foreign matter exit,

a cylindrical screen fixed in the tank and dividing the
tank into a primary chamber and a secondary chamber, and

a stirring member which is rotatably supported inside
10 the screen for stirring the paper raw materials, wherein

the entrance for the paper raw materials and the foreign
matter exit face the primary chamber, and the selection exit
faces the secondary chamber, respectively

the screen has a member including an opening facing the
15 primary chamber and the secondary chamber,

a water supply passage member passes through the tank,
the water supply passage member includes a water supply passage
which is in communication with the opening facing the secondary
chamber and which supplies water into the primary chamber.

2. The screen apparatus according to claim 1, wherein

the member is a ring provided around the screen,

the ring is provided with a plurality of openings, and
the openings facing the secondary chamber are provided with

water supply passage members, respectively.

3. A screen apparatus comprising

a tank for receiving paper raw materials including an
5 entrance for the paper raw materials, a selection exit and a
foreign matter exit,

a cylindrical screen fixed in the tank and dividing the
tank into a primary chamber and a secondary chamber,

a stirring member which is rotatably supported inside
10 the screen for stirring the paper raw materials,

the entrance for the paper raw materials and the foreign
matter exit facing the primary chamber, and the selection exit
facing the secondary chamber,

a ring provided around the screen and having a plurality
15 of openings facing the primary chamber and the secondary chamber,
and

a plurality of water supply passage members whose tip
ends come into contact with the ring under pressure so that
the water supply passage members are brought into communication
20 with a plurality of openings facing the secondary chamber, the
water supply passage members includes water supply passages
which pass through the tank and supply water into the primary
chamber.

4. The screen apparatus according to claim 3, wherein
the screen has first and second end surfaces which are
opened to each other,

the first end surface is located closer to the entrance
for the paper raw materials than the foreign matter exit, the
second end surface is located closer to the foreign matter exit
than the entrance for the paper raw materials,

the ring is located closer to the second end surface than
the first end surface, and is provided in parallel to the first
end surface and the second end surface.

5. The screen apparatus according to claim 3, wherein
the water supply passage member is mounted to an outer
periphery of the tank such that the water supply passage member
can move forward and backward.

6. The screen apparatus according to claim 3, wherein
the plurality of openings are arranged such as to be
directed to a center of the tank.

7. The screen apparatus according to claim 3, wherein
the plurality of openings are arranged such as to be
directed to a center of the tank, and the openings are opposed
to each other.